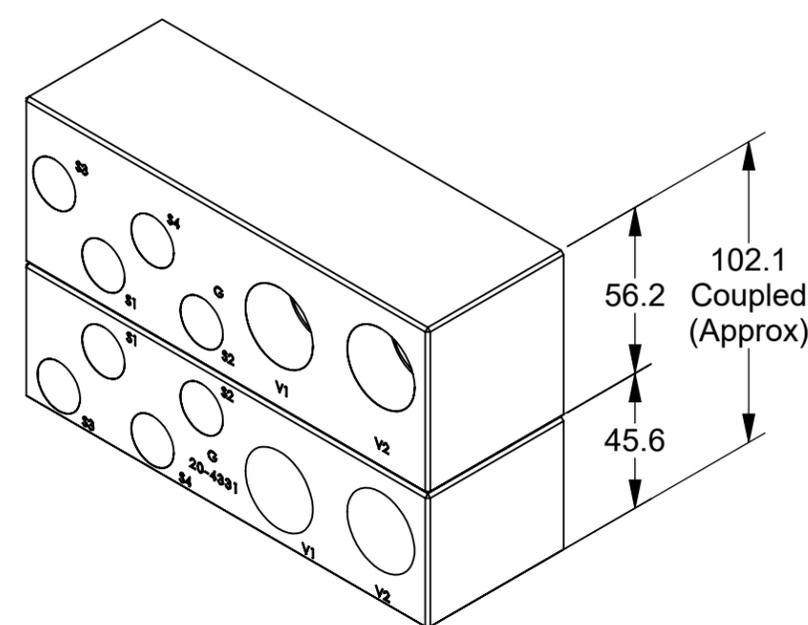
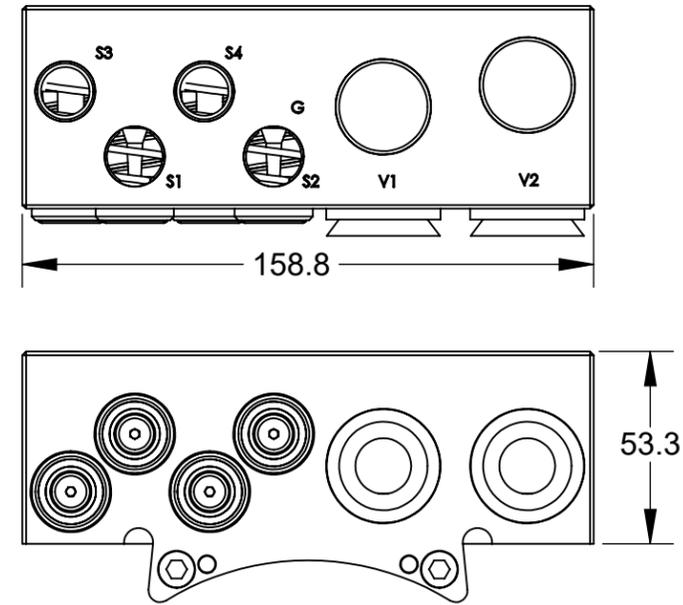
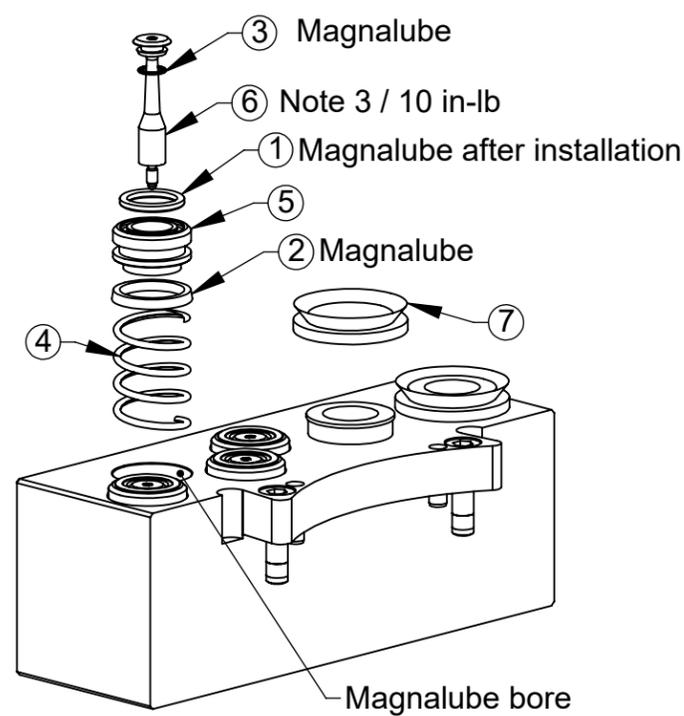
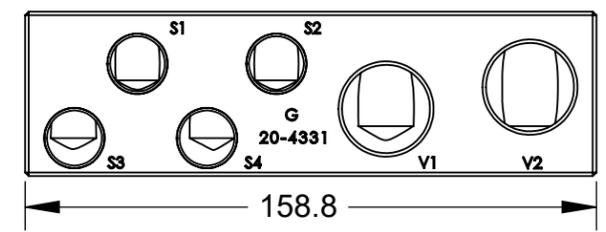
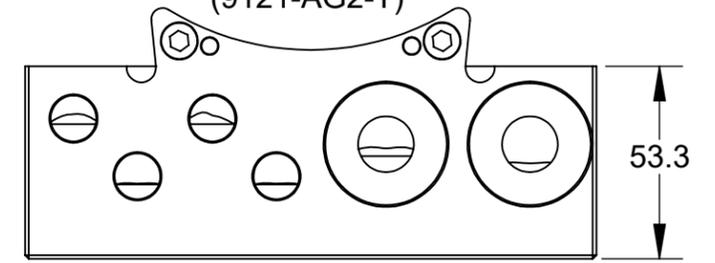


Rev.	Description	Initiator	Date
08	ECO 21734: Updated to reflect changes to module housings; updated part number for the "Spring, Fluid/Air module" from 3700-20-1459 to 3610-3312500-20.	BAW	3/14/2024

**AG2 Master Module
(9121-AG2-M)**



**AG2 Tool Module
(9121-AG2-T)**



Notes:

Materials of Construction:

- Housings - Anodized aluminum.
- Valve Components - Stainless Steel, Nitrile & PVC
- Replacement stem contains pre-applied thread locker. Use Loctite 7649 primer and Loctite 222 if reassembling with original stem.

Operations:

- Pneumatic Operation Only.
- For best results keep air module mating surfaces free and clear of any debris.
- Checked ports can produce significant forces when under high supply pressures. These forces have to be overcome to achieve tool changer coupling.
- Checked ports do not support vacuum conditions.
- AG2-M master module has (4) G 3/8 checked ports and (2) G 3/4 vacuum ports.
- AG2-T tool module has (4) G 3/8 unchecked ports and (2) G 3/4 vacuum ports.

AG2-M Serviceable Parts

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	4	3410-0001065-01	O-Ring 14MM X 2MM Buna
2	4	3410-0001068-01	Mini U-Cup Seal 18mm ID x 22mm Buna
3	4	3410-0001183-01	O-Ring 6MM X 2MM Buna D90
4	4	3610-3312500-20	SPRING, FLUID/AIR MODULE, MASTER
5	4	3700-20-2994	Master Check Valve Piston
6	4	3700-20-2996	VALVE STEM, HIGH STRENGTH
7	2	4010-0000030-01	V-Ring Seal

Note: Service Kit 9120-F2-M-Kit consists of (1) each of items 1 thru 4.
 Note: Service Kit 9120-F4-M-Kit consists of (1) each of items 1 thru 6.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



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DRAWN BY: J.Snape 4/13/05		TITLE	
CHECKED BY: P. Sparrow 4/15/05		AG2 Master & Tool Module Drawing	
SCALE	SIZE	DRAWING NUMBER	REVISION
1:2	B	9630-20-AG2	08
PROJECT # 040331-1		SHEET 1 OF 1	